GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 28, 2003, 18:31:03 ; Search time 12.1818 Seconds
(without alignments)
41.679 Million cell updates/sec

Title: US-09-743-225-8
Perfect score: 58
Sequence: 1 NTLKTPRVGGXA 12

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	36	62.1	1002	4	US-09-268-347-24	Sequence 24, Appl
2	35	60.3	246	4	US-09-252-991A-18687	Sequence 18687, A
3	35	60.3	410	3	US-08-411-760-14	Sequence 14, Appl
4	34	58.6	209	4	US-09-199-637A-401	Sequence 401, App
5	34	58.6	352	1	US-08-482-577B-2	Sequence 2, Appli
6	34	58.6	352	3	US-08-289-222E-4	Sequence 4, Appli
7	34	58.6	352	3	US-09-218-176-2	Sequence 2, Appli
8	34	58.6	352	3	US-09-054-526B-4	Sequence 4, Appli
9	34	58.6	352	4	US-08-981-490B-3	Sequence 3, Appli
10	34	58.6	423	4	US-09-656-002-2	Sequence 2, Appli
11	34	58.6	429	4	US-09-328-352-6282	Sequence 6282, Ap
12	34	58.6	435	3	US-09-008-271A-6	Sequence 6, Appli
13	33	56.9	137	4	US-09-328-352-8246	Sequence 8246, Ap
14	33	56.9	350	6	5352575-7	Patent No. 5352575
15	33	56.9	403	4	US-08-311-731A-157	Sequence 157, App
16	33	56.9	478	4	US-09-107-532A-6090	Sequence 6090, Ap
17	33	56.9	600	4	US-09-388-743-22	Sequence 22, Appl
18	33	56.9	648	4	US-09-252-991A-20128	Sequence 20128, A
19	33	56.9	1041	1	US-08-220-151-4	Sequence 4, Appli
20	33	56.9	1041	1	US-08-413-118-4	Sequence 4, Appli
21	33	56.9	1041	3	US-08-473-446-4	Sequence 4, Appli
22	32	55.2	29	4	US-09-690-454-193	Sequence 193, App
23	32	55.2	68	4	US-09-107-532A-6498	Sequence 6498, Ap
24	32	55.2	131	4	US-09-690-454-191	Sequence 191, App
25	32	55.2	138	4	US-09-134-001C-4922	Sequence 4922, Ap
26	32	55.2	140	4	US-09-461-325-180	Sequence 180, App
27	32	55.2	143	4	US-09-252-991A-32355	Sequence 32355, A
28	32	55.2	188	4	US-09-489-847-314	Sequence 314, App
29	32	55.2	203	4	US-09-252-991A-27133	Sequence 27133, A
30	32	55.2	234	4	US-09-252-991A-30807	Sequence 30807, A
31	32	55.2	336	1	US-08-436-044-2	Sequence 2, Appli
32	32	55.2	336	2	US-08-436-054-2	Sequence 2, Appli
33	32	55.2	336	5	PCT-US95-08812-2	Sequence 2, Appli
34	32	55.2	610	4	US-09-252-991A-20299	Sequence 20299, A
35	32	55.2	912	5	PCT-US95-03747-2	Sequence 2, Appli
36	32	55.2	927	4	US-09-252-991A-31823	Sequence 31823, A
37	32	55.2	1581	3	US-09-110-517-2	Sequence 2, Appli
38	31	53.4	160	4	US-09-056-556-235	Sequence 235, App
39	31	53.4	160	4	US-09-072-596-230	Sequence 230, App
40	31	53.4	224	4	US-09-252-991A-30723	Sequence 30723, A
41	31	53.4	230	4	US-09-252-991A-23879	Sequence 23879, A
42	31	53.4	248	4	US-09-252-991A-24788	Sequence 24788, A
43	31	53.4	301	4	US-09-252-991A-24016	Sequence 24016, A
44	31	53.4	315	3	US-08-965-903B-8	Sequence 8, Appli
45	31	53.4	315	4	US-09-370-398-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-09-268-347-24
; Sequence 24, Application US/09268347
; Patent No. 6335182
; GENERAL INFORMATION:
; APPLICANT: Loosmore, Sheena M.
; TITLE OF INVENTION: RECOMBINANT HAEMOPHILUS INFLUENZAE ADHESIN PROTEINS
; FILE REFERENCE: 1038-860
; CURRENT APPLICATION NUMBER: US/09/268,347
; CURRENT FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 1002
; TYPE: PRT
; ORGANISM: Haemophilus influenzae
US-09-268-347-24

Query Match 62.1%; Score 36; DB 4; Length 1002;
Best Local Similarity 70.0%; Pred. No. 1e+02;
Matches 7; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

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Qy          1 NTLKTPRVGG 10
              :||  |||||
Db        222 STLDDPRVGG 231
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RESULT 2
US-09-252-991A-18687
; Sequence 18687, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 18687
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-18687

Query Match 60.3%; Score 35; DB 4; Length 246;

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  Best Local Similarity   58.3%;  Pred. No. 36;
  Matches    7;  Conservative    1;  Mismatches    4;  Indels    0;  Gaps    0;

Qy          1 NTLKTPRVGGXA 12
              | |:| || | |
Db         14 NALRTSRVAGSA 25


RESULT 3
US-08-411-760-14
; Sequence 14, Application US/08411760
; Patent No. 6180373
;  GENERAL INFORMATION:
;    APPLICANT:  WICH, G nter, LEIN-FELDER, Walfred, and
;    APPLICANT:  BACKMAN, Keith
;    TITLE OF INVENTION:  Microorganisms for the
;    TITLE OF INVENTION:  Production of Tryptophan and Process for the
;    TITLE OF INVENTION:  Producing the Same
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Collard & Roe, P.C.
;      STREET:  1077 No. 6180373thern Boulevard
;      CITY:  Roslyn
;      STATE:  New York
;      COUNTRY:  U.S.A.
;      ZIP:  11576
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC Compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  WordPerfect Version 5.1
;      SOFTWARE:  for DOS
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/411,760
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  P 42 32 468.8
;      FILING DATE:  28 SEPTEMBER 1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/EP93/02588
;      FILING DATE:  23 SEPTEMBER 1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Collard, Allison C.
;      REGISTRATION NUMBER:  22,532
;      REFERENCE/DOCKET NUMBER:  SCHMID-PCT
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Freedman, Edward R.
;      REGISTRATION NUMBER:  26,048
;      REFERENCE/DOCKET NUMBER:  SCHMID-PCT
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (516) 365-9802
;      TELEFAX:  (516) 365-9805
;      TELEX:  261176 CRG(UR)
;  INFORMATION FOR SEQ ID NO:  14:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  410 amino acids
;      TYPE:  Amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-411-760-14

  Query Match             60.3%;  Score 35;  DB 3;  Length 410;
  Best Local Similarity   60.0%;  Pred. No. 61;
  Matches    6;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 NTLKTPRVGG 10
              | | || :||
Db        286 NVLLTPHIGG 295


RESULT 4
US-09-199-637A-401
; Sequence 401, Application US/09199637A
; Patent No. 6355411
; GENERAL INFORMATION:
;  APPLICANT:  Ausubel, Frederick
;  APPLICANT:  Goodman, Howard M.
;  APPLICANT:  Rahme, Laurence G.
;  APPLICANT:  Mahajan-Miklos, Shalina
;  APPLICANT:  Tan, Man-Wah
;  APPLICANT:  Cao, Hui
;  APPLICANT:  Drenkard, Eliana
;  APPLICANT:  Tsongalis, John
;  TITLE OF INVENTION:  VIRULENCE-ASSOCIATED NUCLEIC ACID
;  TITLE OF INVENTION:  SEQUENCES AND USES THEREOF
;  FILE REFERENCE:  00786/361002
;  CURRENT APPLICATION NUMBER: US/09/199,637A
;  CURRENT FILING DATE:  1998-11-25
;  PRIOR APPLICATION NUMBER:  60/066,517
;  PRIOR FILING DATE:  1997-11-25
;  NUMBER OF SEQ ID NOS:  437
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 401
;   LENGTH: 209
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-09-199-637A-401

  Query Match             58.6%;  Score 34;  DB 4;  Length 209;
  Best Local Similarity   66.7%;  Pred. No. 47;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 NTLKTPRVG 9
              ||:| | ||
Db         76 NTIKPPEVG 84


RESULT 5
US-08-482-577B-2
; Sequence 2, Application US/08482577B
; Patent No. 5807713
;  GENERAL INFORMATION:
;    APPLICANT:  HOTTEN, GERTRUD
;    APPLICANT:  NEIDHARDT, HELGE
;    APPLICANT:  BECHTOLD, ROLF
;    APPLICANT:  POHL, JENS
;    TITLE OF INVENTION:  DNA SEQUENCES ENCODING NOVEL
;    TITLE OF INVENTION:  GROWTH/DIFFERENTIATION FACTORS
;    NUMBER OF SEQUENCES:  49
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  NIKAIDO, MARMELSTEIN, MURRAY, AND ORAM
;      STREET:  655 FIFTEENTH STREET, N.W., G STREET LOBBY,
;      STREET:  SUITE 330
;      CITY:  WASHINGTON
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20005
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/482,577B
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  KLESNER, SHARON
;      REGISTRATION NUMBER:  36,335
;      REFERENCE/DOCKET NUMBER:  P564-5010
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202/638-5000
;      TELEFAX:  202/638-4810
;  INFORMATION FOR SEQ ID NO:  2:
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;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  352 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-482-577B-2

  Query Match             58.6%;  Score 34;  DB 1;  Length 352;
  Best Local Similarity   66.7%;  Pred. No. 81;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 TLKTPRVGG 10
              |: ||| ||
Db         16 TVATPRAGG 24


RESULT 6
US-08-289-222E-4
; Sequence 4, Application US/08289222E
; Patent No. 6120760
;  GENERAL INFORMATION:
;    APPLICANT:  HOTTEN, GERTRUD
;    APPLICANT:  NEIDHARDT, HELGE
;    APPLICANT:  BECHTOLD, ROLF
;    APPLICANT:  POHL, JENS
;    TITLE OF INVENTION:  GROWTH/DIFFERENTIATION FACTORS OF THE TGF-B
;    TITLE OF INVENTION:  FAMILY
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  NIKAIDO, MARMELSTEIN, MURRAY & ORAM
;      STREET:  655 FIFTEENTH STREET, N. W., G STREET LOBBY,
;      STREET:  SUITE 330
;      CITY:  WASHINGTON
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20005-5701
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/289,222E
;      FILING DATE:  25-AUG-1999
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/289,222
;      FILING DATE:  12-AUG-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  DE P 44 23 190.3
;      FILING DATE:  07-JUL-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  EPO 92102324.8
;      FILING DATE:  12-FEB-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/EP93/00350
;      FILING DATE:  12-FEB-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  KITTS, MONICA CHIN
;      REGISTRATION NUMBER:  36,105
;      REFERENCE/DOCKET NUMBER:  P564-9021
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202/638-5000
;      TELEFAX:  202/638-4810
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  352 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-289-222E-4

  Query Match             58.6%;  Score 34;  DB 3;  Length 352;
  Best Local Similarity   66.7%;  Pred. No. 81;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 TLKTPRVGG 10
              |: ||| ||
Db         16 TVATPRAGG 24


RESULT 7
US-09-218-176-2
; Sequence 2, Application US/09218176
; Patent No. 6171584
;  GENERAL INFORMATION:
;    APPLICANT:  H TTEN, Gertrud
;    APPLICANT:  NEIDHARDT, Helge
;    APPLICANT:  BECHTOLD, Rolf
;    APPLICANT:  POHL, Jens
;    APPLICANT:  PAULISTA, Michael
;    TITLE OF INVENTION:  NEW GROWTH/DIFFERENTIATION FACTORS OF THE
;    TITLE OF INVENTION:  TGF-  FAMILY
;    NUMBER OF SEQUENCES:  49
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  NIKAIDO, MARMELSTEIN, MURRAY & ORAM LLP
;      STREET:  655 Fifteenth Street, N. W., G Street Lobby,
;      STREET:  Suite 330
;      CITY:  Washington
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20005
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/218,176
;      FILING DATE:  Herewith
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/679,048
;      FILING DATE:  12-JUL-1996
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/EP96/03065
;      FILING DATE:  12-JUL-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/EP93/00350
;      FILING DATE:  2-FEB-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/482,577
;      FILING DATE:  7-JUN-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  EP 92 102 324.8
;      FILING DATE:  12-FEB-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  DE P 44 23 190.3
;      FILING DATE:  01-JUL-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  DE 195 11 243.1
;      FILING DATE:  27-MAR-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  KITTS, Monica Chin
;      REGISTRATION NUMBER:  36,105
;      REFERENCE/DOCKET NUMBER:  P564-6010
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202/638-5000
;      TELEFAX:  202/638-4810
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  352 amino acids
;      TYPE:  amino acid
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;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-09-218-176-2

  Query Match             58.6%;  Score 34;  DB 3;  Length 352;
  Best Local Similarity   66.7%;  Pred. No. 81;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 TLKTPRVGG 10
              |: ||| ||
Db         16 TVATPRAGG 24


RESULT 8
US-09-054-526B-4
; Sequence 4, Application US/09054526B
; Patent No. 6197550
;  GENERAL INFORMATION:
;    APPLICANT:  H TTEN, GERTRUD
;    APPLICANT:  NEIDHARDT, HELGE
;    APPLICANT:  BECHTOLD, ROLF
;    APPLICANT:  POHL, JENS
;    TITLE OF INVENTION:  DNA SEQUENCES ENCODING NOVEL
;    TITLE OF INVENTION:  GROWTH/DIFFERENTATION FACTORS
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  NIKAIDO, MARMELSTEIN, MURRAY & ORAM LLP
;      STREET:  655 FIFTEENTH STREET, N. W., G STREET LOBBY,
;      STREET:  SUITE 330
;      CITY:  WASHINGTON
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20005-5701
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/054,526B
;      FILING DATE:  03-APR-1998
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/289,222
;      FILING DATE:  12-AUG-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  DE P 44 23 190.3
;      FILING DATE:  01-JUL-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  EPO 92102324.8
;      FILING DATE:  12-FEB-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/EP93/00350
;      FILING DATE:  12-FEB-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  KITTS, MONICA CHIN
;      REGISTRATION NUMBER:  36,105
;      REFERENCE/DOCKET NUMBER:  P564-8005
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202/638-5000
;      TELEFAX:  202/638-4810
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  352 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-054-526B-4

  Query Match             58.6%;  Score 34;  DB 3;  Length 352;
  Best Local Similarity   66.7%;  Pred. No. 81;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 TLKTPRVGG 10
              |: ||| ||
Db         16 TVATPRAGG 24


RESULT 9
US-08-981-490B-3
; Sequence 3, Application US/08981490B
; Patent No. 6531450
; GENERAL INFORMATION:
;  APPLICANT: Hotten, Gertrud
;  APPLICANT:  Pohl, Jens
;  APPLICANT:  Bechtold, Rolf
;  APPLICANT:  Paulista, Michael
;  APPLICANT:  Unsicker, Klaus
;  TITLE OF INVENTION: USE OF MP52 OR MP121 FOR TREATING AND PREVENTING DISEASES OF T
;  TITLE OF INVENTION:  NERVOUS SYSTEM
;  FILE REFERENCE: 100564-07032
;  CURRENT APPLICATION NUMBER: US/08/981,490B
;  CURRENT FILING DATE:  1998-05-18
;  PRIOR APPLICATION NUMBER: PCT/EP96/03065
;  PRIOR FILING DATE: 1996-07-12
;  PRIOR APPLICATION NUMBER: DE/195 25 416.3
;  PRIOR FILING DATE: 1995-07-12
;  NUMBER OF SEQ ID NOS: 7
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
;   LENGTH: 352
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-981-490B-3

  Query Match             58.6%;  Score 34;  DB 4;  Length 352;
  Best Local Similarity   66.7%;  Pred. No. 81;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 TLKTPRVGG 10
              |: ||| ||
Db         16 TVATPRAGG 24


RESULT 10
US-09-656-002-2
; Sequence 2, Application US/09656002
; Patent No. 6455668
; GENERAL INFORMATION:
;  APPLICANT: Mack, David
;  APPLICANT:  Gish, Kurt
;  APPLICANT:  Wilson, Keith
;  TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER, COMPOSITIONS, A
;  TITLE OF INVENTION:  OF SCREENING FOR COLORECTAL CANCER MODULATORS
;  FILE REFERENCE: A-69108/DJB/JJD/AMS
;  CURRENT APPLICATION NUMBER: US/09/656,002
;  CURRENT FILING DATE:  2000-09-06
;  PRIOR APPLICATION NUMBER: US 09/525,993
;  PRIOR FILING DATE: 2000-03-15
;  PRIOR APPLICATION NUMBER: US 09/493,444
;  PRIOR FILING DATE: 2000-01-28
;  PRIOR APPLICATION NUMBER: PCT/US 00/07044
;  PRIOR FILING DATE: 2000-03-15
;  NUMBER OF SEQ ID NOS: 3
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
;   LENGTH: 423
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-656-002-2

  Query Match             58.6%;  Score 34;  DB 4;  Length 423;
  Best Local Similarity   77.8%;  Pred. No. 99;
  Matches    7;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;
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Qy          2 TLKTPRVGG 10
              :|||||| |
Db        185 SLKTPRVVG 193


RESULT 11
US-09-328-352-6282
; Sequence 6282, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
;  APPLICANT: Gary L. Breton et al.
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
;  TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: GTC99-03PA
;  CURRENT APPLICATION NUMBER: US/09/328,352
;  CURRENT FILING DATE: 1999-06-04
;  NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 6282
;   LENGTH: 429
;   TYPE: PRT
;   ORGANISM: Acinetobacter baumannii
US-09-328-352-6282

  Query Match             58.6%;  Score 34;  DB 4;  Length 429;
  Best Local Similarity   60.0%;  Pred. No. 1e+02;
  Matches    6;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 NTLKTPRVGG 10
              | : || |||
Db        306 NVILTPHVGG 315


RESULT 12
US-09-008-271A-6
; Sequence 6, Application US/09008271A
; Patent No. 6203979
;   GENERAL INFORMATION:
;        APPLICANT: Bandman, Olga
;                   Hillman, Jennifer L.
;                   Yue, Henry
;                   Guegler, Karl J.
;                   Corley, Neil C.
;                   Tang, Tom Y.
;                   Shah, Purvi
;        TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
;        NUMBER OF SEQUENCES: 24
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Incyte Pharmaceuticals, Inc.
;             STREET: 3174 Porter Dr.
;             CITY: Palo Alto
;             STATE: CA
;             COUNTRY: USA
;             ZIP: 94304
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette
;             COMPUTER: IBM Compatible
;             OPERATING SYSTEM: DOS
;             SOFTWARE: FastSEQ for Windows Version 2.0
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/008,271A
;             FILING DATE: 16-Jan-1998
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: <Unknown>
;             FILING DATE: <Unknown>
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Mohan-Peterson, Sheela
;             REGISTRATION NUMBER: 41,201
;             REFERENCE/DOCKET NUMBER: PF-0458 US
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 650-855-0555
;             TELEFAX: 650-845-4166
;   INFORMATION FOR SEQ ID NO: 6:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 435 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        IMMEDIATE SOURCE:
;             LIBRARY: COLNNOT13
;             CLONE: 1337018
;        SEQUENCE DESCRIPTION: SEQ ID NO: 6 :
US-09-008-271A-6

  Query Match             58.6%;  Score 34;  DB 3;  Length 435;
  Best Local Similarity   77.8%;  Pred. No. 1e+02;
  Matches    7;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 TLKTPRVGG 10
              :|||||| |
Db        197 SLKTPRVVG 205


RESULT 13
US-09-328-352-8246
; Sequence 8246, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
;  APPLICANT: Gary L. Breton et al.
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTE
;  TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: GTC99-03PA
;  CURRENT APPLICATION NUMBER: US/09/328,352
;  CURRENT FILING DATE: 1999-06-04
;  NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 8246
;   LENGTH: 137
;   TYPE: PRT
;   ORGANISM: Acinetobacter baumannii
US-09-328-352-8246

  Query Match             56.9%;  Score 33;  DB 4;  Length 137;
  Best Local Similarity   75.0%;  Pred. No. 47;
  Matches    6;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          3 LKTPRVGG 10
              || ||:||
Db         30 LKDPRLGG 37


RESULT 14
5352575-7
;Patent No. 5352575
;    APPLICANT: PETROVSKIS, ERIK A.;POST, LEONARD E.;TIMMINS, JAMES G.
;    TITLE OF INVENTION: PSEUDORABIES VIRUS PROTEIN
;    NUMBER OF SEQUENCES: 12
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/513,282
;      FILING DATE: 20-APR-1990
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 100,817
;      FILING DATE: 29-JUN-1987
;      APPLICATION NUMBER: 886,260
;      FILING DATE: 16-JUL-1986
;      APPLICATION NUMBER: 784,787
;      FILING DATE: 04-OCT-1985
;      APPLICATION NUMBER: 801,799
;      FILING DATE: 26-NOV-1985
;      APPLICATION NUMBER: 844,113
;      FILING DATE: 26-MAR-1986
;SEQ ID NO:7:
;      LENGTH: 350
5352575-7

  Query Match             56.9%;  Score 33;  DB 6;  Length 350;
  Best Local Similarity   100.0%;  Pred. No. 1.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy          5 TPRVGG 10
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Db         26 TPRVGG 31


RESULT 15
US-08-311-731A-157
; Sequence 157, Application US/08311731A
; Patent No. 6583266
;  GENERAL INFORMATION:
;    APPLICANT:  SMITH, DOUGLAS
;    APPLICANT:  MAO, JEN-I
;    TITLE OF INVENTION:  NUCLEIC ACID AND AMINO ACID SEQUENCES
;    TITLE OF INVENTION:  RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
;    TITLE OF INVENTION:  DIAGNOSTICS AND THERAPEUTICS
;    NUMBER OF SEQUENCES:  411
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  WOLF, GREENFIELD & SACKS, P.C.
;      STREET:  600 ATLANTIC AVENUE
;      CITY:  BOSTON
;      STATE:  MASSACHUSETTS
;      COUNTRY:  USA
;      ZIP:  02210
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/311,731A
;      FILING DATE:
;      CLASSIFICATION:  530
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  GATES, EDWARD R.
;      REGISTRATION NUMBER:  31,616
;      REFERENCE/DOCKET NUMBER:  C0044/7125
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/720-3500
;      TELEFAX:  617/720-2441
;  INFORMATION FOR SEQ ID NO:  157:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  403 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
;    HYPOTHETICAL:  YES
;    ORIGINAL SOURCE:
;      ORGANISM:  Mycobacterium leprae
US-08-311-731A-157

  Query Match           56.9%;  Score 33;  DB 4;  Length 403;
  Best Local Similarity  75.0%;  Pred. No. 1.5e+02;
  Matches    6;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          5 TPRVGGXA 12
              |||:|| |
Db         79 TPRMGGLA 86


Search completed: August 28, 2003, 18:40:16
Job time : 13.1818 secs
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